

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number	Filed concurrently 10/692,715
Filing Date	October 27, 2003
Applicants	Kazutoshi SUGIYAMA et al.
Group Art Unit	2878
Examiner Name	le
Attorney Docket Number	0033/007002

U.S. PATENT DOCUMENTS

EXAMINER INITIAL*	Cite No. ¹	DOCUMENT NUMBER	Kind Code ² (if known)	NAME	DATE MM-DD-YY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Sub class
1		4,021,665		HAAS et al.	05/1977		
1		4,282,430		HATTEN et al.	08/1981		
1		5,255,301		NAKAMURA et al.	10/1993		
1		5,281,810		FOOKS et al.	01/1994		
1		5,336,882		FOOKS et al.	08/1994		
1		5,347,117		FOOKS et al.	09/1994		
1		5,712,477		DELANEY, III et al.	01/1998		
1		5,808,296		MCMONAGLE et al.	09/1998		
1		6,157,040		BAUER	12/2000		

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL*	Cite No. ¹	Foreign Patent Document		Kind Code ⁵ (if known)	NAME	DATE MM-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴					
1		JP	56-114780	A	YOSHIMURA et al.	09/1981		Abstract
1		DE	297 07 451	U	SICK AG	08/1997		
1		JP	9-252242	A	NISHIDE	09/1997		Abstract
1		EP	0 797 107	A	NISHIDE	09/1997		
1		JP	11-126549	A	SUGIYAMA	05/1999		Abstract

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*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 608; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 2 of 2

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIAL*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
l		"E3S-A/B", Best Control INSTs 14 th Edition, July 1998, pages 118-149, No. SA00-005, Omron Corporation, Tokyo, Japan.	X
l		"E3X-DA-N Series", OMRON, November 1999, pages 4-39, No. SCEA-137, Omron Corporation, Tokyo, Japan.	X
l		TOSHITAKA NAKAJIMA, "Laser Range Finder DME Series", Factory Automation - Automatization and Labor-Saving of Factories, October 1, 1996, pages 48-51, Vol. 14, No. 10, Japan Kogyo Publisher, Tokyo, Japan.	X

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